5-15-0

PTO/SB/64 (09-08)

Approved for use through 10/31/2008, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)

Docket Number (Optional) UG-371-01

First named inventor: Thomas Stoneman

Application No.: 10595379

Art Unit: 2166

Filed: April 13, 2006

Examiner: Channavajjala, Srirama

Title: SIMULTANEOUSLY CLEAN AND INSPECT SEWER PIPES

Attention: Office of Petitions **Mail Stop Petition** 

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

## APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee:
- (2) Reply and/or issue fee:
- (3) Terminal disclaimer with disclaimer fee required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

	all entity-fee \$ 810 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.
	er than small entity – fee \$ (37 CFR 1.17(m))
2. Reply an A.	nd/or fee The reply and/or fee to the above-noted Office action in the form of(identify type of reply):
	has been filed previously on is enclosed herewith.
B.	The issue fee and publication fee (if applicable) of \$  has been paid previously on  is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/64 (09-08)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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	minal disclaimer with disclaimer fee	
<b>√</b>	Since this utility/plant application was filed o	on or after June 8, 1995, no terminal disclaimer is required.
		7 CFR 1.20(d)) of \$ for a small entity or \$ required period of time is enclosed herewith (see
filin Tra aba	ATEMENT: The entire delay in filing the requirg of a grantable petition under 37 CFR 1.137 (demark Office may require additional information and on ment or the delay in filing a petition under sections (III)(C) and (D)).]	red reply from the due date for the required reply until the (b) was unintentional. [NOTE: The United States Patent and tion if there is a question as to whether either the er 37 CFR 1.137(b) was unintentional (MPEP 711.03(c),
To the contract of		WARNING:
contrib number the US USPTO to the of the a of a pareferer	ute to identity theft. Personal information such rs (other than a check or credit card authorization PTO to support a petition or an application. If this D, petitioners/applicants should consider redacting USPTO. Petitioner/applicant is advised that the reapplication (unless a non-publication request in content. Furthermore, the record from an abandone aced in a published application or an issued patent.	as social security numbers, bank account numbers, or credit card form PTO-2038 submitted for payment purposes) is never required by type of personal information is included in documents submitted to the such personal information from the documents before submitting them ecord of a patent application is available to the public after publication mpliance with 37 CFR 1.213(a) is made in the application) or issuance ed application may also be available to the public if the application is (see 37 CFR 1.14). Checks and credit card authorization forms PTO-the application file and therefore are not publicly available.
	the March 1	5/15/2009
	Signature Signature	Date
	3	
	Arthur M. Dula	26,869
	Typed or printed name	Registration Number, if applicable
	3106 Beauchamp St.	713 861 1960
	3106 Beauchamp St. Address	713 861 1960 Telephone Number
	Address	713 861 1960 Telephone Number
	Address Houston, TX 77098	
Encl	Address  Houston, TX 77098 Address	
Encl	Address  Houston, TX 77098  Address osures:  Fee Payment	
Encl	Address  Houston, TX 77098 Address	
Encl	Address  Houston, TX 77098  Address osures:  Fee Payment	
Encl	Address  Houston, TX 77098  Address osures: Fee Payment  Reply  Terminal Disclaimer Form	
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	Address  Houston, TX 77098 Address osures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing star  Other: 371filling receipt; and UG-PCT, Dereby certify that this correspondence is bein	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]
	Address  Houston, TX 77098 Address osures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing star Other: 371filling receipt; and UG-PCT, Deposited with the United States Pos	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient
	Address  Houston, TX 77098 Address osures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing star Other: 371filing receipt; and UG-PCT, Deposited with the United States Pospostage as first class mail in an enve	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for
	Address  Houston, TX 77098  Address osures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing star  Other: 371filing receipt: and UG-PCT,  CERTIFICATE OF MAILIN nereby certify that this correspondence is being postage as first class mail in an envery Patents, P. O. Box 1450, Alexandria,	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: estal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for VA 22313-1450.
	Address  Houston, TX 77098  Address osures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing star  Other: 371filing receipt: and UG-PCT,  CERTIFICATE OF MAILIN nereby certify that this correspondence is being postage as first class mail in an envery Patents, P. O. Box 1450, Alexandria,	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for
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	Address  Houston, TX 77098  Address  Address  Osures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing star  Other: 371filing receipt: and UG-PCT,  CERTIFICATE OF MAILIN  nereby certify that this correspondence is bein  Deposited with the United States Pos  postage as first class mail in an enve  Patents, P. O. Box 1450, Alexandria,  Transmitted by facsimile on the date  Office at (571) 273-8300.	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for VA 22313-1450. shown below to the United States Patent and Trademark  Signature
	Address  Houston, TX 77098  Address  Osures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing star  Other: 371filling receipt: and UG-PCT,  CERTIFICATE OF MAILIN  Tereby certify that this correspondence is bein  Deposited with the United States Pospostage as first class mail in an envery Patents, P. O. Box 1450, Alexandria,  Transmitted by facsimile on the date Office at (571) 273-8300.  5/15/2009  Date	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for VA 22313-1450. shown below to the United States Patent and Trademark  Signature Scott Maddox
	Address  Houston, TX 77098  Address  Address  Osures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing star  Other: 371filing receipt: and UG-PCT,  CERTIFICATE OF MAILIN  nereby certify that this correspondence is being  Deposited with the United States Pospostage as first class mail in an envery Patents, P. O. Box 1450, Alexandria,  Transmitted by facsimile on the date Office at (571) 273-8300.  5/15/2009	Telephone Number  tements establishing unintentional delay  pdf. print out from 371 application  NG OR TRANSMISSION [37 CFR 1.8(a)]  ng: stal Service on the date shown below with sufficient lope addressed to: Mail Stop Petition, Commissioner for VA 22313-1450. shown below to the United States Patent and Trademark  Signature



### Additional sheet containing statements establishing unintentional delay

In the United States Patent and Trademark Office

ГО:	Mail Stop Petition,	<b>Commissioner for Patents</b>
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P.0 Box 1450, Alexandria, VA 22313-1450

From: Arthur M. Dula Date: May 15, 2009

In re Application of: Thomas Stoneman )
Group Art Unit: 2166 )
Publication No.: 20070067298 )
Application No.: 10595379 )
Serial No.: 595379 )
Filed: April 13, 2006

Filed: April 13, 2006

Examiner: Channavajjala, Srirama

Title: SIMULTANEOUSLY CLEAN AND INSPECT SEWER PIPES

#### Dear Examiner:

For U.S. application number 10/595379, the correct number of the related international application is PCT/US06/09680. The title of the correct international application is SIMULTANEOUSLY CLEAN AND INSPECT SEWER PIPES. When this application entered national stage under 35 U.S.C. 371, the application included an electronic copy of the correct international application, PCT/US06/09680. The electronic file containing a copy of the correct international application is named UG-PCT.pdf. A copy of the electronic filing receipt showing the attachment, UG-PCT.pdf, is attached. A print out of UG-PCT.pdf, the international application PCT/US06/09680 is attached. All matter present in the attached print out of UG-PCT.pdf was disclosed in the previously submitted UG-PCT.pdf and no new matter has been added.

Unfortunately, when this international application entered national stage under 35 U.S.C. 371 the international application number was incorrectly typed as "PCT/US05/09860". Typing "PCT/US05/09860" instead of "PCT/US06/09680" was a scrivener's error that went unnoticed.

Please, revive this application and continue examination of only the correct application submitted as attachment UG-PCT.pdf in the 371 application, which is based on international application PCT/US06/09680. Please, remove and do not examine matter from the incorrect international application that was indicated by the scrivener's error. Please, take any further action needed to continue prosecution of the correct application.

Best regards,

Arthur M. Dula, #21875 3106 Beauchamp St. Houston, TX 77009 713.861.1960 phone 713.861.0637 fax art@dula.com email



& TRADE

Acknowledgement Receipt

The USPTO has received your submission at 13:49:48 Eastern Time on 13-APR-2006 .

\$ 700 fee paid by e-Filer via RAM with Confirmation Number: 419.

<u>eFiled</u>	App	licat	ion l	nform	ation

EFS ID 1022728
Application Number 10595379
Confirmation Number 8443

Appratus and Method to Title Simultaneously Clean and

Inspect Conduits

First Named Inventor Thomas Stoneman

Customer Number or Correspondence Address 21875

Filed By Arthur McKee Dula

Attorney Docket Number UG-PCT-US1

Filing Date

Receipt Date 13-APR-2006

Application Type U.S. National Stage under

35 USC 371

International Application PCT/US05/09860 Number

### **Application Details**

Submitted Files	Page Count	Document Description	File Size	Warnings
UG-PCT.pdf	57	Documents submitted with 371 Applications	676815 bytes	△ WARNINGS

The page size in the PDF is too large. The pages should be  $8.5 \times 11$  or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

UG-declaration.pdf 1 Documents submitted with 371 Applications 62259 bytes ◆ PASS fee-info.pdf 2 Fee Worksheet (PTO-875) 8499 bytes ◆ PASS

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing

Receipt, in due course.

If you need help:

- Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail EBC@uspto.gov for specific questions about Patent e-Filing.
- Send general questions about USPTO programs to the USPTO Contact Center (UCC) .
- If you experience technical difficulties or problems with this application, please report them via e-mail to Electronic Business Support or call 1 800-786-9199.

MAY 1 1 2009 W

PTO-1390 (Rev. 07-2005)
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	RANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER  UG - PCT - 1
	DESIGNATED/ELECTED OFFICE (DO/EO/US) NCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PLT/	US 06/09680 17 March 2006	25 May 2005
1112201		ECT SEWER PIPES
APPLICA	STONEMAN Thomas	
Applican	t herewith submits to the United States Designated/Elected Office (DO/EC	/US) the following items and other information:
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371	
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission	n under 35 U.S.C. 371.
з. 🔽	This is an express request to begin national examination procedures (35 U.S.C. 37 (5), (6), (9) and (21) indicated below.	1(f)). The submission must include items
4.	The US has been elected (Article 31).	
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
	a.  is attached hereto (required only if not communicated by the Internation	al Bureau).
	b. has been communicated by the International Bureau.	
_	c. is not required, as the application was filed in the United States Receiving	ng Office (RO/US).
6.	An English language translation of the International Application as filed (35 U.S.C	371(c)(2)).
	a. Li is attached hereto.	
	b. has been previously submitted under 35 U.S.C. 154(d)(4).	
7. 📙	Amendments to the claims of the International Application under PCT Article 19 (	35 U.S.C. 371(c)(3))
	a. are attached hereto (required only if not communicated by the Internal	ionał Bureau).
	b. have been communicated by the International Bureau.	
	c. have not been made; however, the time limit for making such amendr	ents has NOT expired.
	d. have not been made and will not be made.	
8. 🔲	An English language translation of the amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	An English language translation of the annexes of the International Preliminary E Article 36 (35 U.S.C. 371(c)(5)).	xamination Report under PCT
Items	11 to 20 below concern document(s) or information included:	
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	An assignment document for recording. A separate cover sheet in compliance with	th 37 CFR 3.28 and 3.31 is included.
13.	A preliminary amendment.	
14. 🗹	An Application Data Sheet under 37 CFR 1.76.	
15. 🗀	A substitute specification.	
16. 📙	A power of attorney and/or change of address letter.	
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(	
19. L	A second copy of the English language translation of the international application	under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the complete form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CATION NO. (if known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO.
ATTORNEY'S DOCKET NUMBER

The following fees have been submitted  21. Basic national fee (37 CFR 1.492(a))  22. Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  All other situations  23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  Search fee (37 CFR 1.492(b)) as been paid on the international application to the USPTO as an International Searching Authority \$100  International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400  All other situations  Stoo	ONLY
21. Basic national fee (37 CFR 1.492(a))  22. Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations	ONLY
21.  Basic national fee (37 CFR 1.492(a))\$300 \$ 3 00  22.  Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations	ONLY
21.  Basic national fee (37 CFR 1.492(a))\$300 \$ 3 00  22.  Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations	ONLY
22. Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200  23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400	
by IPEA/US indicates all claims satisfy provisions of PCT Articlé 33(1)-(4)\$0 All other situations\$200  23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400	
TOTAL OF 21, 22 and 23 = 600	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.	
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)	
- 100 = /50 = x \$250 \$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	
CLAIMS NUMBER FILED NUMBER EXTRA RATE \$	
Total claims 12 - 20 = 2 x \$ 50 \$ 100	
Independent claims 3 -3 = O x \$200 \$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$	
TOTAL OF ABOVE CALCULATIONS = \$ 700	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.	
SUBTOTAL = \$ 350	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	
TOTAL NATIONAL FEE = \$ 350	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	
TOTAL FEES ENCLOSED = \$ .35 0	
Amount to be refunded: \$	
Amount to be charged \$	

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a. 🗌	A check in the amount of \$ to cover the above fees is enclosed.
ь. 🗆	Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.
	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.
d. 🗹	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
NOTE: Wand gran	Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed nted to restore the International Application to pending status.
SEND AL	SIGNATURE  Arthur M. Dulq  NAME  26, 869  REGISTRATION NUMBER



APPLICATION NUMBER

FILING OR 371(c) DATE

FIRST NAMED APPLICANT

ATTY. DOCKET NO /TITLE

10/595,379

04/13/2006

Thomas Stoneman

UG-PCT-US1

**CONFIRMATION NO. 8443** 

21875 ARTHUR M DULA LAW OFFICE OF ARTHUR M DULA 3106 BEAUCHAMP STREET HOUSTON, TX77009

Title: Two-stage data validation and mapping for database access

Publication No. US-2007-0067298-A1

Publication Date: 03/22/2007

#### NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently http://pair.uspto.gov/. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 703-305-3028.

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Dra.	Grant D	ublication	Division	702 606	4202

# US PATENT & TRADEMARK OFFICE

PATENT APPLICATION FULL TEXT AND MAGE DATABASE



(1 of 7)

**United States Patent Application** 

20070067298

Kind Code

A1

Stoneman; Thomas

March 22, 2007

Two-stage data validation and mapping for database access

#### **Abstract**

Input data queries directed at a plurality of target databases and originating from any of a plurality of sources are first converted to validated canonical forms, which are then used to query the target databases. Specifically, upon receiving an input data query, a relatively accurate reference database is selected based on the type of the input data. This reference is then queried for the input data with the intent of finding an exact matching record or a near-matching record that can be considered an exact match and thereby validating the input data. Otherwise, the requesting source is instructed to provide a new query. Once having a validated record, it is converted to a canonical form, which is then used to query the target databases intended to be searched. In a further embodiment, multiple reference databases are queried to determine a canonical form of the data or to determine multiple canonical forms of the data.

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### (WO/2006/127095) SIMULTANEOUSLY CLEAN AND INSPECT SEWER PIPES

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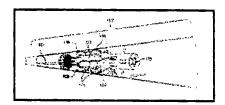
Title:

SIMULTANEOUSLY CLEAN AND INSPECT SEWER PIPES

Abstract:

A method and a system for simultaneously cleaning and inspecting a sewer pipe (117) by sending a jet propelled camera (115) skid down the sewer pipe

(117) on the initial cleaning pass.



States:

Designated AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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